

**Notice of Allowability**

Application No.

09/963,375

Examiner

Thanh Lam

Applicant(s)

YANG, TAI-HER

Art Unit

2834

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☐ This communication is responsive to \_\_\_\_.
2. ☒ The allowed claim(s) is/are 1-32.
3. ☒ The drawings filed on 27 September 2001 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some\* c) ☐ None of the:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- \* Certified copies not received: \_\_\_\_.
5. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  
(a) ☐ The translation of the foreign language provisional application has been received.
6. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

7. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
8. ☐ CORRECTED DRAWINGS must be submitted.  
(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached  
1) ☐ hereto or 2) ☐ to Paper No. \_\_\_\_.  
(b) ☐ including changes required by the proposed drawing correction filed \_\_\_\_, which has been approved by the Examiner.  
(c) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No. \_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet.

9. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |  |   |
|--|---|
| 1 <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                             | 2 <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)          |
| 3 <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                    | 4 <input type="checkbox"/> Interview Summary (PTO-413), Paper No. ____.             |
| 5 <input type="checkbox"/> Information Disclosure Statements (PTO-1449), Paper No. ____.               | 6 <input checked="" type="checkbox"/> Examiner's Amendment/Comment                  |
| 7 <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material | 8 <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
|  | 9 <input type="checkbox"/> Other  |

### EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

In claim 1, lines 17, after "field" please replace "." with --,--

2. The following is an examiner's statement of reasons for allowance: claims 1-32 are allowed.

Prior art of record and cited arts taken alone or in combination fail to disclose a combination arrangement structures of an electric machinery by using centrifugal force to produce rotor axial activation modulation is between the rotating shaft of the electric machinery and the electric machinery rotor or between the electric machinery rotor and the stator, or between the rotating shaft of the electric machinery and the stator, there is installed an axial activation mechanism by using centrifugal force and there is installed an axial pre-stressed spring, and to the rotating shaft of the electric machinery there can be selectively installed an axial position limitation structure, and by making use of the speed of the electric machinery rotor, to modulate the electric machinery rotor to produce corresponding axial displacement, and further to modulate the characteristics of the electric machinery between the electric machinery rotor and the electric machinery magnetic field, its main constituents include: Electric machinery magnetic field:including the constituents of DC or AC generators or motors structures; these structures include: Between the poles of the electric machinery magnetic field and the electric

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machinery rotor of which the electric machinery magnetic field exhibits normal stable even distribution; between the poles of the electric machinery magnetic field and the electric machinery rotor of which the axial single side or double sides exhibit different electric machinery magnetic field intensity; or: between the poles of the electric machinery magnetic field and the electric machinery rotor of which the axial single side or double sides exhibit different gap structures with electric machinery rotor; or: Between the poles of the electric machinery magnetic field and the electric machinery rotor whose axial single side or double sides consist of multiple permanent magnetic poles or magnetic poles excited by magnetic windings or combinations of 50th which consist of axial serial structures; or: the electric machinery rotor: including single or mixed electric machinery rotors consist of various commonly used AC or DC generators or motors such as permanents, salients, hysteresis , wound, brush, turbo, squirrel-cage type AC or DC or brush or brushiest, synchronous or asynchronous; centrifugal pulling structure: Including the structures consist of commonly used axial pulling structure due to centrifugal force, and with pre-stressed spring SP100 which exhibit regression during deceleration that will pull the rotor to produce corresponding displacement depending on the speed of the electric machinery rotor, which will alter the relative positions between the electric machinery rotor and electric machinery magnetic field, which will produce the relative settings between the electric machinery rotor and the electric machinery magnetic field.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thanh Lam whose telephone number is (703) 308-7626. The examiner can normally be reached on m-f 9-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nestor Ramirez can be reached on (703) 308-1371. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 305-3432 for regular communications and (703) 305-3432 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0656.



**THANH LAM**  
PRIMARY EXAMINER

May 29, 2003